



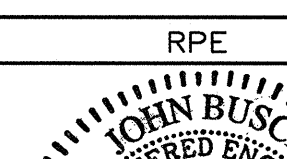



- 1.) **TYPICAL SLAB ON STEEL FRAMING, UNO.2** 2" DEEP, 19 GA. GALV.  
COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING  
REINFORCED W/ #6x6 @ 20.9x29.6 IN.
- 2.) H.P. DESIGATES T/CONC. EL. 155'-3" U.N.O.  
T/STEEL EL. 154'-9 3/4" U.N.O.  
USE LP. T/STL. & T/CONC. U.N.O.
- 3.) LP. DESIGATES T/CONC. EL. 154'-7" U.N.O.  
T/STEEL EL. 154'-1 3/4" U.N.O.
- 4.) SEE DWGS. S3.10.40, S3.10.41 & S3.10.42 FOR MEMBER SIZES NOT SHOWN.
- 5.)  DENOTES FULLY DEVELOPED MOMENT CONNECTION.
- 6.)  DENOTES BRACING LOCATION.
- 7.) ( ) INDICATES NUMBER OF 3/4"x9x4" HEADED STUDS BETWEEN INTERSECTIONS.
- 8.) [ ] INDICATES REQUIRED IN PLACE CAMBER AT MIDSPAN OF BEAM.
- 9.)  DENOTES REQUIRED VERTICAL SHEAR CAPACITY FOR CONNECTION AT THAT END OF BEAM.
- 10.)  DENOTES SPAN DIRECTION OF COMPOSITE STEEL DECK SEE SHT. S5.20.40 FOR TYPICAL COMPOSITE STEEL SLAB DETAILS.
- 11.) SEE SHT. S5.30.40 FOR COLUMN SCHEDULE.
- 12.) SLAB EDGES ARE NOT CURVED; PROVIDE 3 EQUAL, STRAIGHT SEGMENTS BETWEEN COLUMN LINES, TYP. SEE DET. 14.54.20.43
- 13.) SEE SHT. S5.20.40 FOR TYPICAL DETAILS.

 <div>JOHN BUSCH REGISTERED ENGINEER No. 22386 STATE OF TENNESSEE</div>	RPE	DSN W. SONNA	5/15/01	 <div>Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC • Oak Ridge, Tennessee</div>							
		DRW L. DEADY	5/15/01								
		CHK R. WALKINGTON	5/15/01								
	DEPT										
	PE C.L. GARREN	9/6/01									
	PJ J. STELLERN	8/21/01									
	REQ										
CENTRAL LAB AND OFFICE BUILDING											
FRAMING PLAN											
LEVEL 5, SECTOR 61											
	REV / DATE 12/26/01	UTB: J.R. LAWSON	9/25/01								
		<div>1 48 3 S</div> <div>S1 B/C</div>	<div>49 50 X A</div> <div>S2 A</div>	<div>PLANT 8</div> <div>S3</div>	<div>BLDG 8600</div> <div>WBS 14</div>	<div>FL 1</div>	<div>SH. \$2</div>	<div>OF 05</div>	<div>TYPE 1</div>	<div>CLASS P</div>	<div>REV 1</div>